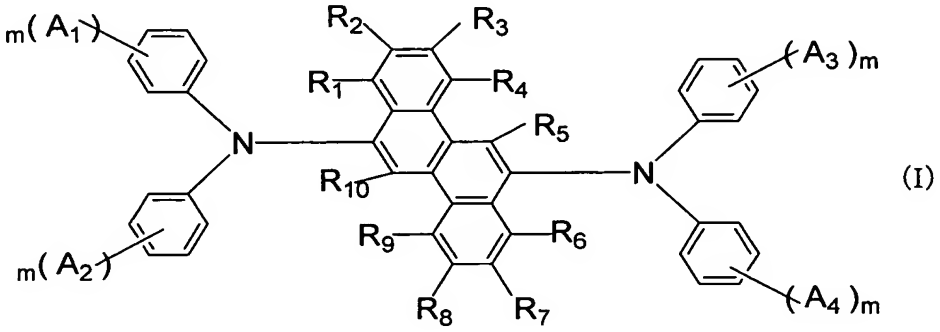
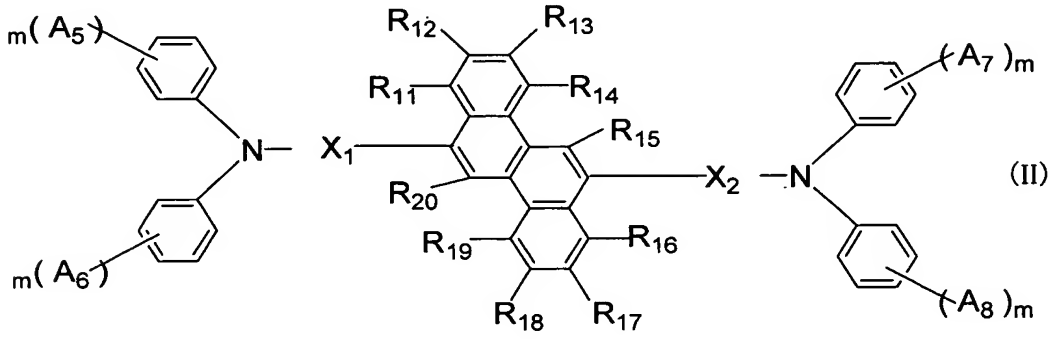
Claims

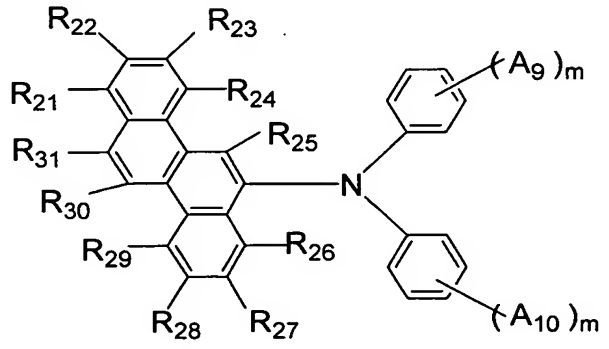
1. An organic electroluminescent device material comprising an aromatic amine derivative represented by any of the following formulas (I) to (IV):



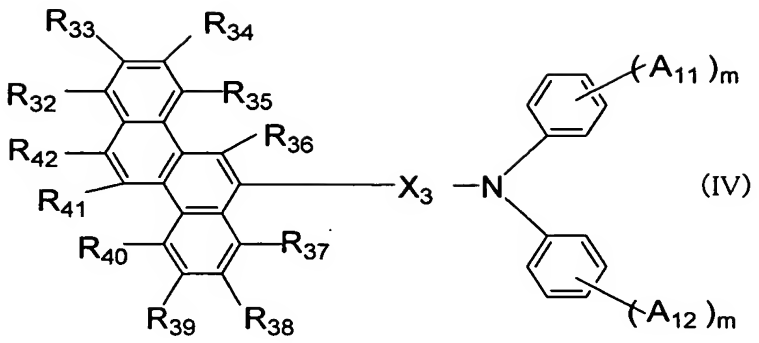
(I)



(II)



(III)



(IV)

(wherein each of A_1 to A_{12} represents a hydrogen atom, a substituted or unsubstituted alkyl group having 1 to 50 carbon atoms, a substituted or unsubstituted aryl group having 5 to 50 ring carbon atoms, a substituted or unsubstituted cycloalkyl group having 3 to 50 ring carbon atoms, a substituted or unsubstituted alkoxyl group having 1 to 50 carbon atoms, a substituted or unsubstituted aryloxy group having 5 to 50 ring carbon atoms, a substituted or unsubstituted arylamino group having 5 to 50 ring carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 20 carbon atoms, or a halogen atom; m is an integer of 0 to 5, and when m is 2 or more, groups represented by any of A_1 to A_{12} may be identical to or different from one another, or may be linked together to form a saturated or unsaturated ring; each pair of A_1 and A_2, A_3 and A_4, A_5 and A_6, A_7 and A_8, A_9 and A_{10}, and A_{11} and A_{12} is such that the members thereof may be linked together to form a saturated or unsaturated ring;

with the proviso that in formula (I), at least one of A_1 to A_4 does not represent a hydrogen atom, that in formula (II), at least one of A_5 to A_8 does not represent a hydrogen

atom; that in formula (III), at least one of A_9 and A_{10} does not represent a hydrogen atom, and that in formula (IV), at least one of A_{11} and A_{12} does not represent a hydrogen atom;

each of R_1 to R_{42} represents a hydrogen atom, a substituted or unsubstituted alkyl group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 20 ring carbon atoms, or a cyano group; and

each of X_1 to X_3 represents a substituted or unsubstituted arylene group having 6 to 20 ring carbon atoms).

2. An organic electroluminescent device material as described in claim 1, which is a light-emitting material for use in an organic electroluminescent device.

3. An organic electroluminescent device comprising a cathode, an anode, and one or more organic thin-film layers interposed between the cathode and the anode, the organic thin-layers including at least a light-emitting layer, wherein at least one of the organic thin-film layers contains the organic electroluminescent device material as recited in claim 1 in the form of single component material or a mixture of a plurality of components.

4. An organic electroluminescent device comprising a cathode, an anode, and one or more organic thin-film layers interposed between the cathode and the anode, the organic thin-layers including at least a light-emitting layer, wherein the light-emitting layer contains the organic electroluminescent device material as recited in claim 1 in an amount of 0.1 to 20 wt.%.

5. An organic electroluminescent device as described in claim 3, which further includes a layer containing an aromatic tertiary amine derivative and/or a phthalocyanine derivative, the layer being provided between the light-emitting layer and the anode.

6. An organic electroluminescent device as described in claim 4, which further includes a layer containing an aromatic tertiary amine derivative and/or a phthalocyanine derivative, the layer being provided between the light-emitting layer and the anode.

7. An organic electroluminescent device as described in any of claims 3 to 6, which emits blue light.